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## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Takashi IGARASHI et al.FILING DATE  
July 3, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>JB</i>	6,050,877	04-2000	SHIBATA et al.	<del>451</del>	<del>5</del>
	6,220,929B	04-2001	MIZUMO	451	4B
	6,080,044A	06-2000	LANHAM et al.	451	42
	6,123,604	09-2000	MIZUNO et al.	451	42
	4,989,316A	02-1991	LOGAN et al.	451	42
	5,149,337A	09-1992	WATANABE	451	42
	6,012,965A	01-2000	SAVOIE	451	42
	6,276,994B	08-2001	YOSHIDA et al.	451	42
	6,099,383A	08-2000	MIZUNO et al.	451	43
	6,203,409B	03-2001	KENNEDY et al.	451	43
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	5,738,563A	04-1998	SHIBATA	451	43
	5,053,971A	10-1991	WOOD et al.	451	43
<i>JB</i>	5,882,247	03-1999	LONGUET et al.		
	4,115,956	09-1978	HUFFMAN		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>JB</i>	JP U 58-106112	07/19/1983	JAPAN (NO TRANSLATION)		
	JP A 4-315563	11/06/1992	JAPAN (NO TRANSLATION)		
	JP A 5-4156	01/14/1993	JAPAN (NO TRANSLATION)		
	JP A 5-131350 (w/abstract)	05/28/1993	JAPAN (NO TRANSLATION)		
	JP B2 8-16611 (w/abstract)	02/21/1996	JAPAN (NO TRANSLATION)		
	JP A 9-309051	12/02/1997	JAPAN (NO TRANSLATION)		
	JP A 9-309052 (w/abstract)	12/02/1997	JAPAN (NO TRANSLATION)		
	JP A 11-10427	01/19/1999	JAPAN (NO TRANSLATION)		
<i>JB</i>	JP A 11-28650	02/02/1999	JAPAN (NO TRANSLATION)		

EXAMINER

DATE CONSIDERED

04/13/04

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